IN THE CLAIMS:

Please amend the claims in accordance with the following listing of claims:

1. (Currently Amended) A method for coordinating charging information in a communications network, the method comprising:

a mobile station initiating a first connection in an application layer network and a second connection in a transportation layer network;

generating a charging identification in a first network element in one of the application layer network or the transport layer network;

sending said charging identification from said first network element in said one of the application layer network or the transport layer network to a second network element in the other one of the application layer network or the transport layer network;

including said charging identification in call records of said first and second network elements; and

coordinating charging information in the communications network using said charging identification included in the call records of said first and second network elements.

2. (Previously Amended) The method of claim 1, wherein said second network element adds said charging identification to charging information which said second network element collects.

3. (Currently Amended) The method of claim 1, wherein said first network element sends an address of ~~a~~ the first network element together with said charging identification to said second network element.

4. (Currently Amended) The method of claim 3, wherein said second network elements adds said address of ~~a~~ said first network element to charging information which said second network element collects.

5. (Currently Amended) The method of claim 1, wherein said charging identification is sent from said first network element to said second network element via an interface between the transport and application ~~layers~~ layer network.

6. (Currently Amended) The method of claim 1, wherein said first network element is a Mobile Station (MS) and the Mobile Station provides the charging identification to both of the application layer network and the transport layer network.

7. (Cancelled)

8. (Previously Amended) The method of claim 1, wherein said first network element sends security information together with said charging identification to said second network element.

9. (Previously Amended) The method of claim 8, wherein said second network element verifies said charging identification against said security information.

10. (Previously Amended) The method of claim 1, wherein said second network element sends said charging identification towards an endpoint of a communication.

11. (Previously Amended) The method of claim 10, wherein said second network element sends security information together with said charging identification toward said endpoint of a communication.

12. (Previously Amended) The method of claim 10, wherein said second network sends an address of a network element together with charging identification to said endpoint of a communication.

13. (Previously Amended) The method of claim 12, wherein said second network element adds an address of said first network element to charging data which said second network element collects.

14. (Currently Amended) The method of claim 1, wherein the first network element is in said transport layer network.

15. (Currently Amended) The method of claim 14, wherein said charging identification is forwarded to said second network element in said application layer network.

16. (Currently Amended) The method of claim 15, wherein said charging identification is forwarded to a third network element and a fourth network element in said transport layer network.

17. (Currently Amended) The method of claim 16, wherein charging information generated by said fourth network element and said third network element in said transport layer network and by the second network element in said application layer network is associated with said charging identification.

18. (Previously Amended) The method of claim 19, wherein said tuple includes a destination IP address and port information of a transaction specific media connection.

19. (Previously Amended) The method of claim 1, wherein the charging identification comprises a tuple or tuple pair.

20. (Cancelled)

21. (Cancelled)

22. (Currently Amended) The method of claim 1, wherein said charging identification is sent from said first network element to said second network element via the mobile station, and the mobile station includes the charging identification in a request to setup the connection in the other one of the application layer network ~~of~~ or the transport layer network.

23. (Cancelled)

24. (Currently Amended) A system for coordinating charging information in a communications network, the system comprising:

a first network element and a second network element, adapted to include a charging identification in their call records;

means for coordinating charging information using said charging identification included in the call records of said first and second network elements;

means for establishing a first connection in an application layer network and a second connection in a transport layer network, said first network element being adapted to create the charging identification in one of ~~an~~ said application layer network or said transport layer network; and

means for sending said charging identification from said first network element in said one of the application layer network or the transport layer network to the second network element in the other one of the application layer network or the transport layer network.

25. (Currently Amended) The system of claim 24, further comprising a mobile station operable to initiate the first connection in the application layer network and the second connection in the transport layer network.

26. (Previously Added) The system of claim 24, wherein the charging identification comprises a tuple or tuple pair.

27. (Previously Added) The system of claim 24, wherein said charging identification is sent from said first network element to said second network element directly via an interface between the first and second network elements.

28. (Previously Added) The system of claim 26, wherein the first network element comprises a Gateway GPRS Support Node and the second network element comprises a Call State Control Function.

29. (Currently Amended) The system of claim 24, wherein said charging identification is sent from the first network element to the second network element via the mobile station, and the mobile station includes the charging identification in a request to set

up the connection in the other one of the application layer network or the transport layer network.

30. (Currently Amended) The system of claim 28, wherein said second network element in said application layer network comprises a Call State Control Function.

31. (Currently Amended) The system of claim 29, wherein said connection in said transport layer network comprises a PDP context.

32. (Currently Amended) The system of claim 24, wherein said mobile station comprises the first network element, and the mobile station provides the charging identification to both of the application layer network and the transport layer network.

33. (Currently Amended) A mobile station for use to coordinate charging information in a communications network including a first network element and a second network element operable to include a charging identification in their call records, and means for coordinating charging information using said charging identification included in the call records of said first and second network elements, the mobile station is adapted:

to establish a first connection in an application layer network and a second connection in a transport layer network;

to receive the charging identification from the first network element in one of the application layer network or the transport layer network; and

to send said charging identification, to the second network element in the other one of the application layer network or the transport layer network.

34. (Currently Amended) The mobile station of claim 33, wherein the mobile station is adapted to receive the charging identification (Id) created by the first network element (GGSN) in one of the application layer network or the transport layer network.

35. (Previously Added) The mobile station of claim 33, wherein the mobile station is adapted to send to the second network element an address corresponding to the first network element together with said received charging identification.

36. (Currently Amended) The mobile station of claim 33, wherein the mobile station is comprises the first network element and provides the charging identification to both of the application layer network and the transport layer network.

37. (Previously Added) The mobile station of claim 33, comprising a mobile terminal and terminal equipment coupled thereto.

38. (Currently Amended) A network element for use in coordinating charging information, the network element including

means to create a charging identification for use in one of an application layer network or a transport layer network for a communications network wherein a first connection is established in the application layer network and a second connection is established in the transport layer network;

means to include the charging identification the call records thereof, and

means for sending said charging identification from said network element so as to be used by the further network element in the other one of the application layer network or the transport layer network, to enable charging information for the elements to be coordinated.

39. (Currently Amended) A network element for use in coordinating charging information, the network element being configured for use in one of an application layer network or a transport layer network for the communications network wherein a first connection is established in the application layer network and a second connection is established in the transport layer network, said network element being configured to receive said charging identification from a further network element operable in the other one of the application layer network or the transport layer network, to enable charging information for the elements to be coordinated.